

THIS FORM TO BE SUBMITTED ALONG WITH FORM NO. 114 NOT LATER THAN 10 DAYS AFTER WELL COMPLETION OR ABANDONMENT IF A DRY HOLE. SHOW HISTORICAL DETAILS IN CHRONOLOGICAL ORDER, WITH DATE, CONDITION AND DEPTH OF HOLE. SHOW CHANGES IN TYPE OF MUD WITH REASONS. LOST CIRCULATION, BLOWOUTS, SURVEYS FOR DEVIATION FROM VERTICAL, DRILL STEM TESTS, CORING DEPTHS, ELECTRICAL SURVEYS, DESCRIPTION OF POSSIBLE PRODUCING ZONES Cased OFF, DESCRIPTION OF CASING JOBS SHOWING TYPES OF SHOES AND FLOAT EQUIPMENT, DETAILS OF CASING PULLED PRIOR TO COMPLETION, SIDETRACKED FISH, SHOT AND ACIDIZING RECORDS, PLUGS, ETC

USE TYPEWRITER.

**HISTORY OF WELL
AT TIME OF COMPLETION**

LEASE M. A. KNUDSEN WELL NO. 8
SEC. 6 T. 8N R. 52W COUNTY Logan
STATE Colorado FIELD Minto
A.F.E. NO. 11994-11

ALL DEPTHS FROM TOP OF KELLY BUSHING UNLESS OTHERWISE SPECIFIED.

M. A. KNUDSEN #8
(Drill 4900' 'J' Sand Development Well)



SDX 100% - Development Well - Location 600' FNL
& 1956' FEL of Section 6, T8N - R52W, Logan County,
Colorado. Contractor, Fryer Drilling Company.

- 3-16-63 PD 220'. Waiting on cement. DD 1. Progress 220'. Spudded 3:00 PM 3-15-63. Drilled 13 3/4" hole to 220'. Ran 202' of 9 5/8" OD, 32.30# & 36#, H-40 casing with Baker Guide Shoe & 1 centralizer. Set at 215' with 160 sacks regular cement with 3% CaCl. Plug down 8:30 PM 3-15-63. Cement Circ. to cellar (10 sacks). Wait on cement 12 hours. Tested casing & BOP to 1,000# with water for 30 min. Held OK. Preparing to drill plug. Wt. water. Dev. 1/4 deg. at 220'.
- 3-17-63 PD 2923'. Making trip to change bit. DD 2. Progress 2703'. Bit #1 made 2703'. Bit #1, CP, 7 7/8" ESCAJ, in at 220'. Dev. 3/4 deg. at 2920'.
- 3-18-63 PD 4335'. Drilling. DD 3. Progress 1412'. Bit #2 made 1361'. Bit #2, Hughes, 7 7/8" OSC3J, in at 2923'. Bit #3, Hughes, 7 7/8" OSC1G, in at 4284'. Dev. 3/4 deg. at 3500', 3/4 deg. at 4284'. Wt. 9.7#. Vis. 52 sec. WL 4.6 cc. % Oil 6.0 PH 9.5. Mud added - 59 sacks Gel., 250# Soda Ash, 250# Caustic, 500# Quebracho, 10 gal. D.D., 45 bbls. Grude Oil.
- 3-19-63 PD 4833'. Coring. DD 4. Progress 498'. Started Core #1 at 4815'. Bit #3 made 455'. Bit #4, C. P., 7 7/8" EM1V, in at 4739, out at 4815, made 76' in 6 1/2 hours. Wt. 9.8#. Vis. 85 sec. WL 4.4 cc. % Oil 8. PH 9.5. Mud added: 50# Quebracho, 25# Caustic, 25# Soda Ash, 50# Phosphate.
- 3-20-63 PD 4889' TD. Plugging and abandoning. DD 5. Progress 56'. Core #1 (4815' to 4837') cut 22', recovered 22'. 4815 to 4822' - 7' sand and shale, no shows. 4822 to 4824' - 2' bentonite. 4824 to 4829' - 5' sand with laminated shale, no stain. 4829 to 4833' - 4' spotted sand and shale, wet. 4833 to 4837' - 4' reworked sand. Ran Schlumberger I-ES Log from 200' to TD. Log TD 4890'. Ran Schlumberger Micro Log from 4400' to TD. Plug #1, 60 sacks cement 4800 to 4605'.
- 3-21-63 PD 4889'. Plugging and abandoning. Placed cement plug in bottom of 9 5/8" OD casing from 214' to 164' with 20 sacks. Placed 10 sack cement plug in top of 9 5/8" OD casing from 25' to 0'. Released rig 9:30 AM, 3-20-63.

Well Plugged and Abandoned. FINAL REPORT

CORRECT

ENGINEER

APPROVED

SUPERINTENDENT